AMENDMENTS TO THE SPECIFICATION

Please amend the specification as indicated below.   The language being added is underlined ("__") and the language being deleted contains a strikethrough ("——") or is enclosed by double brackets ("[[   ]]").

Please amend the paragraph beginning on page 7, line 5 as follows:

[0023] Whether a thread transitions to the running or runnable state depends upon the thread scheduling scheme established for the system. The details of this scheduling scheme are set forth in additional detail below. Further, threads may transition between the running and runnable states at the discretion of the thread scheduler. However, once threads are out of the inactive state, they may not transition[[s]] back to the inactive state except through a direct action of the thread itself. This can only happen if the thread is currently in a running state. The thread scheduler does not have the ability to transition threads to the inactive state.